

Daily Level 0 Data Ingest by DAAC and Ingest Subsystem Capabilities and Performance Capabilities by DAAC
(Originally Table E-3a and E-3b in Appendix E of Release B DID 304 CDR 304-CD-005-002)

E.3 Ingest of Mission Critical and Ancillary Data

This section includes a synopsis of the loading requirements of imposed by mission critical and ancillary data during the Release-A time frame. Table E-3 provides a snapshot of the key as they are presently known. This information will be revised with data sets, data types, ingest rates, data formats, etc. as details become available for each interface and associated product(s).

Table E-3a. Daily Level 0 Data Ingest by DAAC*

Daily L0 data ingest by mission by DAAC (GB/day)	TRMM (9/97)	Landsat-7 (5/98)	AM-1 (6/98)	FOO/COLOR (7/98)	SAGE III (8/98)	ADEOS II (2/99)	ALT RADAR (3/99)	ACRIMS (6/99)
EDC		139.4**						
GSFC			70.2	3.75				0.05
JPL						0.12	0.15	
LaRC	0.25		47.4		0.13			

* Does not include ASF or DAO inputs.

** Landsat-7 L0R data is ingested through Ingest Client Host servers, stored temporarily in Ingest Working Storage, and transferred to the permanent Data Server archive.

Table E-3b. Ingest Subsystem Capacities and Performance Capabilities by DAAC

Ingest Subsystem Capabilities by DAAC	Total Daily L0 Ingest Volume (GB/day)	Average Data Ingest Rate (Mbits/sec)*	Short-term (Working) Storage Volume (GB)**	Level 0 Rolling Storage (1 year) Volume (GB)***
EDC	139.4	12.91	174.25	0****
GSFC	70.4	6.5	176	25,696
JPL	0.27	0.025	0.675	98.6
LaRC	47.6	4.4	119	17,374

* Average daily rate = total daily ingest volume over a 24 hour period

** Working storage volume = (daily volume x 2) plus 25%

*** Rolling store volume = daily volume x 365

**** The archive repository for Landsat-7 L0R data is supplied by the Data Server Subsystem.